

1. (Twice Amended) A man-machine interface for an electronic trip device comprising:

an interface for supplying setting parameters, each having a respective value, and for displaying information and tripping curves on a screen, said setting parameters for modifying during a setting operation a visual aspect of at least one portion of a curve representative of a parameter whose setting is being adjusted, wherein

SACI
said interface comprises means for displaying setting parameters; and

a processing unit connected to the interface, said processing unit having inputs for receiving electrical signals representative of electrical quantities and an output for supplying a tripping signal to a tripping relay.

2. (Twice Amended) The man-machine interface according to claim 1, wherein the display means for displaying setting parameters is for modifying the visual aspect of at least one portion of a curve by increasing the thickness of said at least one portion of such a curve representative of a parameter whose setting is being adjusted.

SAC

3. (Twice Amended) The man-machine interface according to claim 1, wherein the means for displaying setting parameters is for highlighting at least one item of information displayed on the screen representative of a parameter whose setting is being adjusted.

STC

4. (Twice Amended) The man-machine interface according to claim 1, wherein the means for displaying setting parameters is for changing at least a color of text or background of at least one item of information displayed on the screen representative of a parameter whose value is being modified.

5. (Twice Amended) The man-machine interface according to claim 1, wherein the man-machine interface comprises display means for displaying a scrollable menu for framing at least one item of information to be selected in a selection phase.

6. (Twice Amended) The man-machine interface according to claim 5, wherein the display means is for highlighting in a scrollable menu one item of information in a top-most position, one item of information in a bottom-most position, and items of information in respective intermediate position between a top-most positions and a bottom-most position.

B1
S1
C1

7. (Twice Amended) The man-machine interface according to claim 1, wherein the man-machine interface comprises selection means comprising function buttons associated with indicator lights to indicate a function selected by a button.

8. (Twice Amended) The man-machine interface according to claim 7, wherein the function buttons comprise at least a first button for selecting a measurement function, at least a second button for selecting a maintenance function, and a third button for selecting a setting function.

B2

10. (Amended) The man-machine interface according to claim 1, wherein the interface is connected by communication means to the processing unit.

11. (Twice Amended) The man-machine interface according to claim 10, wherein the communication means is for communicating according to an Internet type protocol.

Sub
ct

12. (Twice Amended) The man-machine interface according to claim 1, wherein the interface is represented on a screen for displaying information and tripping curves and for determining setting parameters.

Sub
ct

13. (Amended) The man-machine interface according to claim 12, wherein setting parameters are determined by soft keys represented on a screen of the interface.

14. (Twice Amended) A man-machine interface according to claim 1, in combination with a circuit breaker comprising main contacts connected in series with power conductors, current sensors located on said conductors, and a tripping relay for receiving a tripping signal to bring about opening of said contacts, wherein the man-machine interface is connected to said current sensors and to said tripping relay.